

Author index to volume 46

Abbott, D., see Franco, H.	5
Anders, D., see Schreiber, U.	695
Arnold, M., see Chalot-Prat, F.	627
Barbarin, B., A review of the relationships between granitoid types, their origins and their geodynamic environments	605
Barr, S.R., S. Temperley and J. Tarney, Lateral growth of the continental crust through deep level subduction–accretion: a re-evaluation of central Greek Rhodope	69
Becker, S.M., see Brown, P.E.	485
Benito, R., J. López-Ruiz, J.M. Cebriá, J. Hertogen, M. Doblas, R. Oyarzun and D. Demaiffe, Sr and O isotope constraints on source and crustal contamination in the high-K calc-alkaline and shoshonitic neogene volcanic rocks of SE Spain	773
Bindi, L., D. Cellai, L. Melluso, S. Conticelli, V. Morra and S. Menchetti, Crystal chemistry of clinopyroxene from alkaline undersaturated rocks of the Monte Vulture Volcano, Italy	259
Botelho, N.F., see Pimentel, M.M.	463
Brown, M., see Pressley, R.A.	335
Brown, P.E., A.E. Fallick, S.M. Becker, T.J. Dempster and D.H.W. Hutton, The Rapakivi granites of South Greenland—stable isotope characteristics of their black and white facies and the nature of their protolith	485
Candela, P.A., see Jugo, P.J.	573
Candela, P.A., see Piccoli, P.M.	591
Capaccioni, B., see Signorelli, S.	715
Caroff, M., H. Guillou, M. Lamiaux, R.C. Maury, G. Guille and J. Cotten, Assimilation of ocean crust by hawaiitic and mugearitic magmas: an example from Eiao (Marquesas)	235
Cebriá, J.M., see Benito, R.	773
Cellai, D., see Bindi, L.	259
Chalot-Prat, F. and M. Arnold, Immiscibility between calciocarbonatitic and silicate melts and related wall rock reactions in the upper mantle: a natural case study from Romanian mantle xenoliths	627
Chappell, B.W., Aluminium saturation in I- and S-type granites and the characterization of fractionated haplogranites	535
Chavagnac, V., T.F. Nägler and J.D. Kramers, Migmatization by metamorphic segregation at subsolidus conditions: implications for Nd–Pb isotope exchange	275
Condie, K.C., Editorial. Oceanic Plateaus and Hotspot Islands	1
Condie, K.C., Mafic crustal xenoliths and the origin of the lower continental crust	95
Conticelli, S., see Bindi, L.	259
Cotten, J., see Caroff, M.	235
Dall'Agnol, R., O.T. Rämö, M.S. de Magalhães and M.J.B. Macambira, Petrology of the anorogenic, oxidised Jamon and Musa granites, Amazonian Craton: implications for the genesis of Proterozoic A-type granites	431
De Magalhães, M.S., see Dall'Agnol, R.	431
Demaiffe, D., see Benito, R.	773
Dempster, T.J., see Brown, P.E.	485
Doblas, M., see Benito, R.	773
Dobosi, G. and G.A. Jenner, Petrologic implications of trace element variation in clinopyroxene megacrysts from the Nógrád volcanic province, north Hungary: a study by laser ablation microprobe-inductively coupled plasma-mass spectrometry	731
Dong, C., see Xu, X.	299
Escuder Viruete, J., Hornblende-bearing leucosome development during syn-orogenic crustal extension in the Tormes Gneiss Dome, NW Iberian Massif, Spain	751
Fallick, A.E., see Brown, P.E.	485
Feeley, T.C. and G.S. Winer, Evidence for fractionation of Quaternary basalts on St. Paul Island, Alaska, with implications for the development of shallow magma chambers beneath Bering Sea volcanoes	661

Ferreira, V.P., see Sial, A.N.	367
Ferreira, V.P., see Stephens, W.E.	331
Franco, H. and D. Abbott, Gravity signatures of terrane accretion	5
Fu, B., see Zheng, Y.-F.	677
Fuck, R.A., see Pimentel, M.M.	463
Gong, B., see Zheng, Y.-F.	677
Guille, G., see Caroff, M.	235
Guillou, H., see Caroff, M.	235
Hall, R.P., see Tomlinson, K.Y.	103
Heatherington, A.L. and P.A. Mueller, Lithospheric sources of North Florida, USA tholeiites and implications for the origin of the Suwannee terrane.	215
Hertogen, J., see Benito, R.	773
Hollings, P. and D. Wyman, Trace element and Sm-Nd systematics of volcanic and intrusive rocks from the 3 Ga Lumby Lake Greenstone belt, Superior Province: evidence for Archean plume-arc interaction	189
Hollings, P., D. Wyman and R. Kerrich, Komatiite-basalt-rhyolite volcanic associations in Northern Superior Province greenstone belts: significance of plume-arc interaction in the generation of the proto continental Superior Province.	137
Hollings, P., see Kerrich, R.	163
Hughes, D.J., see Tomlinson, K.Y.	103
Hutton, D.H.W., see Brown, P.E.	485
Hyatt, R.J., see Marsaglia, K.M.	17
Ishihara, S. and Y. Matsuhisa, Oxygen isotopic constraints on the geneses of the Miocene Outer Zone granitoids in Japan	523
Jenner, G.A., see Dobosi, G.	731
Jugo, P.J., P.A. Candela and P.M. Piccoli, Magmatic sulfides and Au:Cu ratios in porphyry deposits: an experimental study of copper and gold partitioning at 850°C, 100 MPa in a haplogranitic melt-pyrrhotite-intermediate solid solution-gold metal assemblage, at gas saturation.	573
Karlsson, H., see Prestvik, T.	317
Kempton, P.D., see White, R.V.	43
Kerr, A.C., see White, R.V.	43
Kerrich, R., A. Polat, D. Wyman and P. Hollings, Trace element systematics of Mg-, to Fe-tholeiitic basalt suites of the Superior Province: implications for Archean mantle reservoirs and greenstone belt genesis	163
Kerrich, R., see Hollings, P.	137
Klaver, G.T., see White, R.V.	43
Koppen, J., see Schreiber, U.	695
Kramers, J.D., see Chavagnac, V.	275
Lamiaux, M., see Caroff, M.	235
Levi, B., see Parada, M.A.	505
Li, W., see Xu, X.	299
Li, Y., see Zheng, Y.-F.	677
López-Ruiz, J., see Benito, R.	773
Macambira, M.J.B., see Dall'Agnol, R.	431
Mann, P., see Marsaglia, K.M.	17
Marsaglia, K.M., P. Mann, R.J. Hyatt and H.C. Olson, Evaluating the influence of aseismic ridge subduction and accretion(?) on detrital modes of forearc sandstone: an example from the Kronotsky Peninsula in the Kamchatka Forearc.	17
Martin, H., Adakitic magmas: modern analogues of Archean granitoids	411
Matsuhisa, Y., see Ishihara, S.	523
Maury, R.C., see Caroff, M.	235
Melluso, L., see Bindi, L.	259
Menchetti, S., see Bindi, L.	259
Morra, V., see Bindi, L.	259
Mueller, P.A., see Heatherington, A.L.	215
Näglér, T.F., see Chavagnac, V.	275
Nyström, J.O., see Parada, M.A.	505
Olson, H.C., see Marsaglia, K.M.	17
Oyarzun, R., see Benito, R.	773
Parada, M.A., J.O. Nyström and B. Levi, Multiple sources for the Coastal Batholith of central Chile (31-34°S): geochemical and Sr-Nd isotopic evidence and tectonic implications	505
Parada, M.A., see Sial, A.N.	367

Piccoli, P.M., P.A. Candela and T.J. Williams, Estimation of aqueous HCl and Cl concentrations in felsic systems	591
Piccoli, P.M., see Jugo, P.J.	573
Pimentel, M.M., R.A. Fuck and N.F. Botelho, Granites and the geodynamic history of the neoproterozoic Brasília belt, Central Brazil: a review.	463
Polat, A., see Kerrich, R.	163
Poli, G. and S. Tommasini, Geochemical modeling of acid–basic magma interaction in the Sardinia–Corsica Batholith: the case study of Sarrabus, southeastern Sardinia, Italy	553
Pressley, R.A. and M. Brown, The Phillips pluton, Maine, USA: evidence of heterogeneous crustal sources and implications for granite ascent and emplacement mechanisms in convergent orogens	335
Prestvik, T., T. Torske, B. Sundvoll and H. Karlsson, Petrology of early Tertiary nephelinites off mid-Norway. Additional evidence for an enriched endmember of the ancestral Iceland plume	317
Pringle, M.S., see White, R.V.	43
Rämö, O.T., see Dall'Agnol, R.	431
Saavedra, J., see Sial, A.N.	367
Saunders, A.D., see White, R.V.	43
Schreiber, U., D. Anders and J. Koppen, Mixing and chemical interdiffusion of trachytic and latitic magma in a subvolcanic complex of the Tertiary Westerwald (Germany)	695
Sial, A.N., A.J. Toselli, J. Saavedra, M.A. Parada and V.P. Ferreira, Emplacement, petrological and magnetic susceptibility characteristics of diverse magmatic epidote-bearing granitoid rocks in Brazil, Argentina and Chile	367
Sial, A.N., see Stephens, W.E.	331
Signorelli, S. and B. Capaccioni, Behaviour of chlorine prior and during the 79 A.D. Plinian eruption of Vesuvius (southern Italy) as inferred from the present distribution in glassy mesostases and whole-pumices	715
Stephens, W.E., A.N. Sial and V.P. Ferreira, Preface to the Lithos Special Issue on Granites and Associated Mineralisation	331
Sundvoll, B., see Prestvik, T.	317
Tarney, J., see Barr, S.R.	69
Tarney, J., see White, R.V.	43
Temperley, S., see Barr, S.R.	69
Thurston, P.C., see Tomlinson, K.Y.	103
Tomlinson, K.Y., D.J. Hughes, P.C. Thurston and R.P. Hall, Plume magmatism and crustal growth at 2.9 to 3.0 Ga in the Steep Rock and Lumby Lake area, Western Superior Province	103
Tommasini, S., see Poli, G.	553
Torske, T., see Prestvik, T.	317
Toselli, A.J., see Sial, A.N.	367
Weinberg, R.F., Mesoscale pervasive felsic magma migration: alternatives to dyking.	393
White, R.V., J. Tarney, A.C. Kerr, A.D. Saunders, P.D. Kempton, M.S. Pringle and G.T. Klaver, Modification of an oceanic plateau, Aruba, Dutch Caribbean: Implications for the generation of continental crust	43
Williams, T.J., see Piccoli, P.M.	591
Winer, G.S., see Feeley, T.C.	661
Wyman, D., see Hollings, P.	137
Wyman, D., see Hollings, P.	189
Wyman, D., see Kerrich, R.	163
Xiao, Y., see Zheng, Y.-F.	677
Xu, X., C. Dong, W. Li and X. Zhou, Late Mesozoic intrusive complexes in the coastal area of Fujian, SE China: the significance of the gabbro-diorite–granite association.	299
Zheng, Y.-F., B. Fu, Y. Xiao, Y. Li and B. Gong, Hydrogen and oxygen isotope evidence for fluid–rock interactions in the stages of pre- and post-UHP metamorphism in the Dabie Mountains.	677
Zhou, X., see Xu, X.	299



